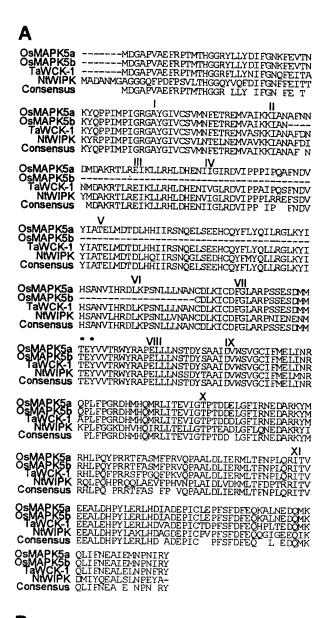
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4, 14



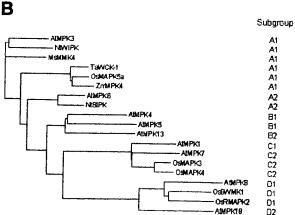


FIGURE 1



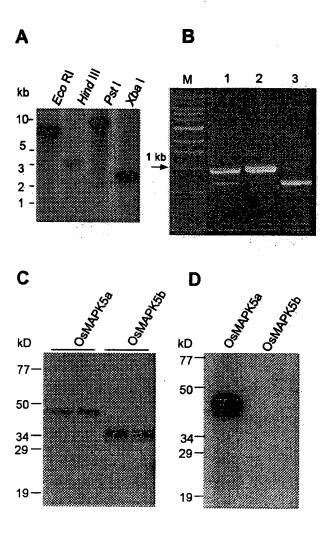


FIGURE 2

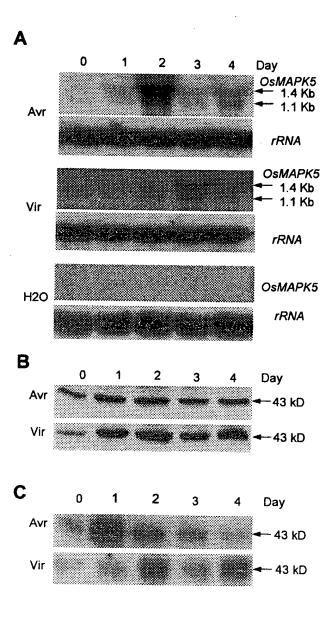
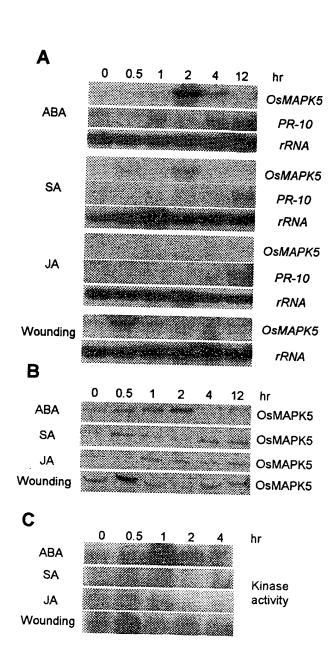


FIGURE 3



2 3 1 1 to 13

**FIGURE 4** 

# **BEST AVAILABLE COPY**

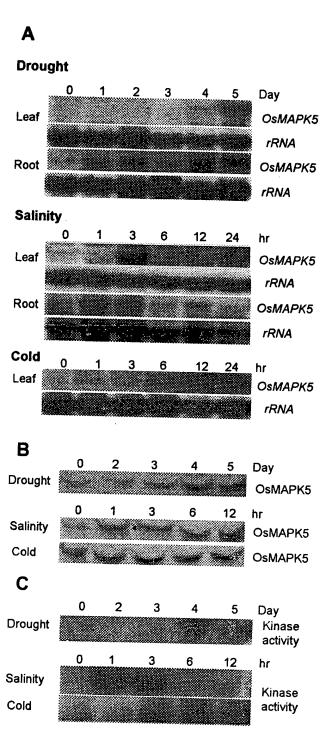
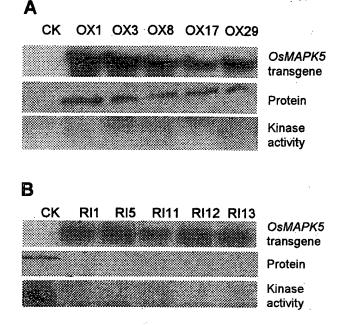


FIGURE 5



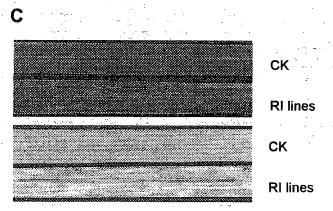


FIGURE 6

BEST AVAILABLE COPY

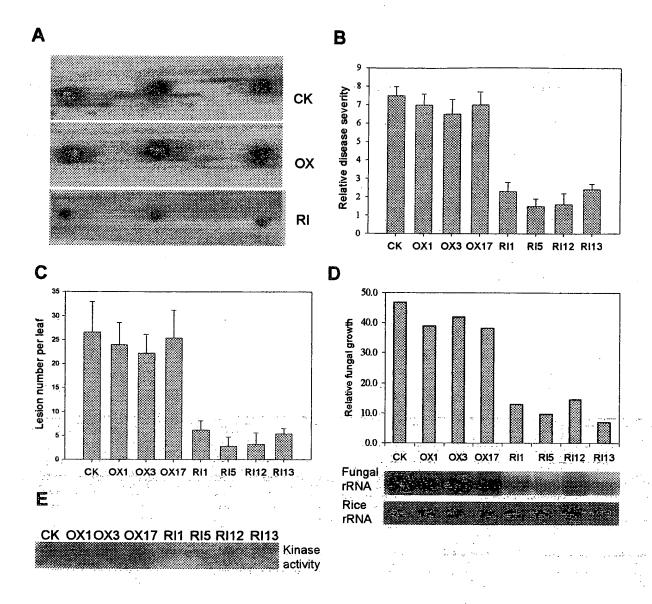


FIGURE 7

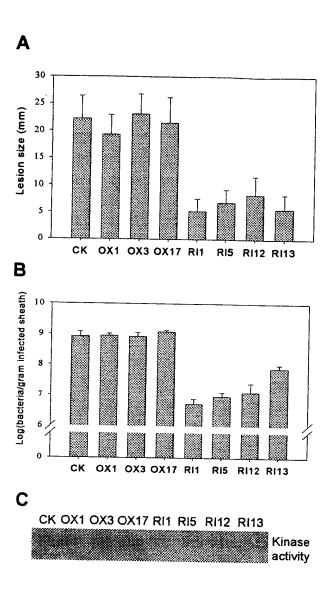


FIGURE 8

CK OX1OX3 OX17RI1 RI5 RI12 RI13

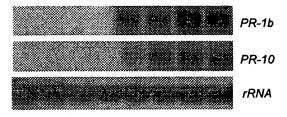
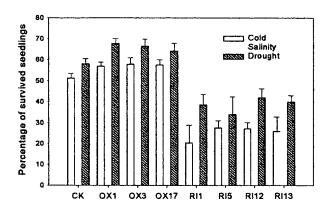


FIGURE 9

BEST AVAILABLE COPY

200



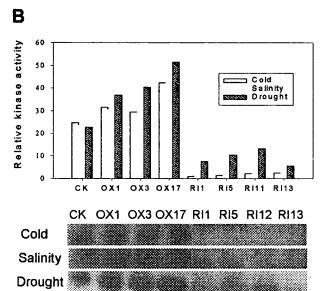


FIGURE 10

# OsMAPK5a

SEQ. ID. NO: 1

1	agagagtcag	ataaggtcgt	taattaggtt	ggtcaattcg	gctgcttgcg	gcgagagaag
61	aggaggaggg	attagggatg	gacggggcgc	cggtggcgga	gttcaggccg	acgatgacgc
121	acggcggccg	gtacctgctc	tacgacatct	tcgggaacaa	gttcgaggtg	acgaacaagt
181	accagccgcc	catcatgccc	attggccgcg	gcgcctacgg	gatcgtctgc	tccgtgatga
241	actttgagac	gagggagatg	gtggcgataa	agaagatcgc	caacgcgttc	aacaacgaca
301	tggacgccaa	gcgcacgctc	cgggagatca	agctcctcag	gcacctcgac	cacgagaaca
361	tcataggcat	cagggatgtg	atcccgccgc	cgatccctca	ggcgttcaac	gacgtctaca
421	tcgccacgga	gctcatggac	accgacctcc	atcacatcat	ccgctccaac	caagaactgt
481	cagaagagca	ctgccagtat	ttcctgtacc	agatcctgcg	ggggctcaag	tacatccact
541	cggcgaacgt	gatccaccgc	gacctgaagc	cgagcaacct	gctgctgaac	gccaactgcg
601	acctcaagat	ctgcgacttc	gggctggcgc	ggccgtcgtc	ggagagcgac	atgatgacgg
661	agtacgtggt	cacccggtgg	taccgcgcgc	cggagctgct	gctcaactcc	accgactact
721	ccgccgccat	cgacgtctgg	tccgtcggct	gcatcttcat	ggagctcatc	aaccgccagc
781	cgctcttccc	cggcagggac	cacatgcacc	agatgcgcct	catcaccgag	gtgatcggga
841	cgccgacgga	cgacgagctg	gggttcatac	ggaacgagga	cgcgaggaag	tacatgaggc
901	acctgccgca	gtacccgcgc	cggacgttcg	cgagcatgtt	cccgcgggtg	cagcccgccg
961	cgctcgacct	catcgagagg	atgctcacct	tcaacccgct	gcagagaatc	acagttgagg
1021	aggcgctcga	tcatccttac	ctagagagat	tgcacgacat	cgccgatgag	cccatctgcc
1081	tggagccctt	ctccttcgac	ttcgagcaga	aggctctaaa	cgaggaccaa	atgaagcagc
1141	tgatcttcaa	cgaagcgatc	gagatgaacc	caaacatccg	gtactagatt	gaatcaccat
1201	ggaaatgaga	tcccgtctat	acctgctttg	tacatatgat	caagattgag	agccgggtag
1261	actgaacatt	gcatttgttt	gtttgttgat	gttcgaaacc	cacattctct	gcaagttgtg
1321	gctgctttgt	atgatatatg	gtactatgtt	cgaataaaag	ggtttggaac	tttggattaa
1381	aaaaaaaaa	aaaaaa				

#### OsMAPK5a SEQ. ID. NO: 2

MDGAPVAEFRPTMTHGGRYLLYDIFGNKFEVTNKYQPPIMPIGR
GAYGIVCSVMNFETREMVAIKKIANAFNNDMDAKRTLREIKLLRHLDHENIIGIRDVI
PPPIPQAFNDVYIATELMDTDLHHIIRSNQELSEEHCQYFLYQILRGLKYIHSANVIH
RDLKPSNLLLNANCDLKICDFGLARPSSESDMMTEYVVTRWYRAPELLLNSTDYSAAI
DVWSVGCIFMELINRQPLFPGRDHMHQMRLITEVIGTPTDDELGFIRNEDARKYMRHL
PQYPRRTFASMFPRVQPAALDLIERMLTFNPLQRITVEEALDHPYLERLHDIADEPIC
LEPFSFDFEQKALNEDQMKQLIFNEAIEMNPNIRY

### OsMAPK5b SEQ. ID. NO: 3

1	agagagtcag	ataaggtcgt	taattaggtt	ggtcaattcg	gctgcttgcg	gcgagagaag
61		attagggatg				
121		gtacctgctc				
181		catcatgccc				
241		gagggagatg				
301	gcgacttcgg	gctggcgcgg	ccgtcgtcgg	agagcgacat	gatgacggag	tacgtggtca
361		ccgcgcgccg				
421	acgtctggtc	cgtcggctgc	atcttcatgg	agctcatcaa	ccgccagccg	ctcttccccg
481		catgcaccag				
541		gttcatacgg				
601		gacgttcgcg				
661		gctcaccttc				
721		agagagattg				
781		cgagcagaag				
841	aagcgatcga	gatgaaccca	aacatccggt	actagattga	atcaccatgg	aaatgagatc
901		ctgctttgta				
961		ttgttgatgt				
1021	gatatatggt	actatgttcg	aataaaaggg	tttggaactt	tggattaaaa	aaaaaaaaa
1081	aaaa					

#### OsMAPK5b

### SEQ. ID. NO: 4

MMDGAPVAEFRPTMTHGGRYLLYDIFGNKFEVTNKYQPPIMPIGR
GAYGIVCSVMNFETREMVAIKKIANCDLKICDFGLARPSSESDMMTEYVVTRWYRAPE
LLLNSTDYSAAIDVWSVGCIFMELINRQPLFPGRDHMHQMRLITEVIGTPTDDELGFI
RNEDARKYMRHLPQYPRRTFASMFPRVQPAALDLIERMLTFNPLQRITVEEALDHPYL
ERLHDIADEPICLEPFSFDFEQKALNEDQMKQLIFNEAIEMNPNIRY